

FILE NOTATIONS

Entered in NID File
 Entered On S R Sheet
 Location Map Pinned
 Card Indexed
 I W R for State or Fee Land

Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 8/5/97
 OW WW TA
 GW OS PA L

Location Inspected
 Bond released
 State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

GR E I E-I GR GR-N Micro
GR Lat Mi-L Sonic Others

djc
 10/16/90

EC
M
AS

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office Salt Lake City
UTAH
Serial Number 05857
Lease or Permit Permit

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
MAY 21 1928

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT RECORD OF SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS		RECORD OF PERFORATING CASING	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF		NOTICE OF INTENTION TO ABANDON WELL	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO SHOOT		SUPPLEMENTARY WELL HISTORY	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Denver, Colorado, May 3, 1928. ADUX

Following is a {notice of intention to do work} on land under {permit} described as follows:

UTAH Grand County Cisco Field
(State or Territory) (County or Subdivision) (Field)
Well No. 7 of Sec. 32 T. 20 S. R. 22 E. S. 1 M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. S of N. line and 1980 ft. E of W. line of sec. 32-20-22

The elevation of the derrick floor above sea level is ft. C. A. Urban, Terry #1 well

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Well is to be drilled by or for C. A. Urban as the operator under an operating agreement between permittee and said C. A. Urban, according to plans stated by him or his duly authorized agent or drilling contractor, hereby authorized to add statement of details of said plans hereon, or by separate letter.

Between 60' and 100' of 10" and cement,

Between 700' and 800' of 8 1/4",

Between 1900' and 2100' of 6 5/8" and cement.

Approved May 22, 1928.
(Date)
D. P. Wardwell
D. P. WARDWELL,
Deputy Supervisor.

Company Levitt
By S. Bennett
Title Superintendent

Address 509 Con. Roy. Bldg., Casper, Wyo. Address Cisco, Utah.

Following is a notice of intention to do work on land under permit described as follows:

Permit No. 12345, May 1, 1933.

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST OF WATER SHUT-OFF	<input type="checkbox"/>
REPORT ON RESULTS OF TEST OF WATER SHUT-OFF	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT	<input type="checkbox"/>
SUBSEQUENT RECORD OF SHOOTING	<input type="checkbox"/>
RECORD OF PERFORMING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO PUMP OR OTHERWISE ALTER CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO AVOID WELL	<input type="checkbox"/>
SUBSEQUENT REPORT OF AVOIDMENT	<input type="checkbox"/>
SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>

APPROVAL TO DRILL given with conditions as follows:

1. The permittee shall permanently mark all rigs or wells in a conspicuous place with his name or the name of the actual operator, and the number or designation of the well, and shall take all necessary means and precautions to preserve these markings.
2. A conductor string to be cemented to exclude surface water and act as a tie in case an unexpected flow of oil, gas or water should be encountered.
3. All water to be confined to its original stratum and test made for water shut off before drilling ahead.
4. To prevent waste of, or damage to, and to provide the U.S. Geological Survey with carefully taken samples of other minerals drilled thru, i.e., coal, salt, potash beds, etc.
5. All showings of oil or gas to be tested for their commercial possibilities in a dry hole before drilling ahead. Each showing to be properly cased to prevent migration.
6. A string of casing to be set (cemented if necessary) above the productive sand and water shut off test made before drilling in.
7. Kindly notify **E. S. Barton** stationed at **Salt Lake City, Utah** on form 9-331a, at time of mudding, cementing and water shut off tests that a representative of the Survey may be present.
8. Lessee's monthly report of wells (form 9-329) must be filled out each calendar month and forwarded to the Casper, Wyoming, office, not later than the 5th day of the following month.

OIL

WATER

GAS

5,500,000

DROWN RML

CHOCKERY

200

500
200

100

100

300

ON

400

500

600

00

500

900

1000

1100

1200

1300

1400

1500

1600

1000

1000

1000

00

Dakota

Grand County
Cisco Dome

C.A. Urban, Terrill #1
CNE NW 32- 20S-22E

SL 033137

June 28 C. A. Urban, Terrill #1,
CNE NW Sec. 32-20S-22E (S.L. 033137)

600' S/N, 1,900' N/E. Elevation 4,919'.

Location. Casing program similar to other wells on Cisco Dome.
Drilling has probably started, as tools were to be moved from
Crystal #5 to this well. (S.I. Bennett - letter 6-8-28).

C. A. Urban, Terrill #1,
CNE NW Sec. 32-20S-22E. (S.L. 033137)

Spudded in June 26, 1928. 10" casing set at 60', cemented. No further re-
ports to date. Now being completed and will be fully reported next month.
(Visited 6/29/28. Monthly report 7/6/28)

C. A. Urban, Terrill #1,
CNE NW Sec. 32-20S-22E (S. L. 033137) ✓

Completed as a gas well August 9, 1928. T. D. 1960'. Dakota sand 1950'-
1960'. Anchor packer run on 6 5/8" and set at 1907'. 6 5/8" cemented above
packer. I. P. 5 1/2 million cu. ft.
(Mr. Cart 8/20/28)

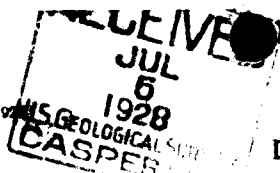
32-20S-22E C NE NW, C. A. Urban, Terrill #1 (S.L.C. 033137-A) Ref.
No. 6.

STATUS: AND. T. D. 1960' (Visited 7-27-27)

REMARKS: Hole was cleaned out to 1970' and a cement
plug placed to protect gas sand at 1950 to 1960'. The
6-5/8" casing was shot at 1150' and recovered. Hole
filled with mud fluid and left open at surface to per-
mit refilling if necessary. Subsequent report of aban-
donment not submitted for approval.

32-20S-22E C NE NW, C. A. Urban, Terrill #1 (S.L. 033137-A) Ref. No. 6

STATUS: P&A. T. D. 1960', (Visited 8-19-37) Aug 23, 1937
REMARKS: Subsequent report of abandonment approved August
23, 1937.



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER 033137
LEASE OR PERMIT P.

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Cisco Dome

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1928

Agent's address Cisco, Utah. Company Terrill

Signed J. H. Bennett

Phone _____ Agent's title Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CUB. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
N.W. of N.W. Sec. 32. 660' S. of N. line. 1980' E. of W. line.	20S	22E	1							Started "S" spudding in June '28th, 1928.

NOTE.—There were _____ runs or sales of oil; _____ runs or sales of gas;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in triplicate with the supervisor by the 6th of the succeeding month unless otherwise directed by the supervisor.

U. S. LAND OFFICE Salt Lake City
SERIAL NUMBER 033137
LEASE OR PERMIT TO PROSPECT Permit

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company L. W. Terrill Address Denyer, Colorado.
Lessor or Tract C. A. K. 1000 Field Cisco Dome State Utah
Well No. 1 Sec. 38 T. 20S R. 22E Meridian S.L.M. County Grand
Location 660 ^N of N Line and 1980 ^E of W Line of Sec. 32. Elevation 4919

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date. August 24th, 1928.

Title

The summary on this page is for the condition of the well at above date.

Commenced drilling June 27th. 19 28 Finished drilling August 9th. 19 28

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from 1950 to 1950 No. 6, from _____ to _____

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from		Perforated		Purpose
						From	To			
6-5/8" 17 1/2				570 ft.		All pulled				
				1950 ft.						
				6-5/8" anchor packer set at 1907' 43ft anchor below packer						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud used	Amount of sand used
10"	61'	10 sacks			
6-5/8"	1907'	17 "			

PLUGS AND ADAPTERS

Heaving plug—Material

Length

Depth

Adapters—Material

Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to 1960 feet, and from _____ feet to _____ feet

DATES

_____, 19____

Put to producing August 10th, 1928

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 5,500,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 450

EMPLOYEES

S. H. Cart., Driller _____, Driller

G. C. Lynch., Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	-20	20	Gravel
20	600	580	Shale
600	800	200	Shale & Shells
800	1625	825	Shale
1625	1675 <i>Cave</i>	50	Black shale
1675	1930	255	Shale
1930	1940	10	Gyp
1940	1950	10	Shale
1950	1960 (Total)	10	Sand

U.S. Land Office
Salt Lake City
Serial Number 933137 A
Lease or Permit

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL	X
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 8, 1937

Following is a ~~notice of intention to do work~~ on land under ~~lease~~ described as follows:

UTAH GRAND CISCO DOME
(State or Territory) (County or Subdivision) (Field)
Well No. 1 NE 1/4 of NW 1/4 Sec. 32 20 S. 22 E. S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. ~~N~~ of ~~S~~ line and 1960 ft. ~~E~~ of ~~N~~ line of sec. 32

The elevation of the derrick floor above sea level is 4919 ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work.)

Well will be cleaned out to bottom 1960 feet, and a cement plug of not less than 25 sacks of cement will be placed therein to protect the gas sand from the depth of 1950 to 1960 feet; the remainder of the hole will be filled with heavy mud fluid and there will be placed on top a 4 inch pipe projecting 4 ft. above the ground with the end cemented to a joint of 10-inch casing. Work will be performed by Thomas S. Golden, Grand Junction, Colorado under contract for C. A. Urban, Trustee for Operator, under contract with Lessee.

L. W. Terrill, Lessee

by C. A. Urban, Trustee, Agent

Approved May 10, 1937 (see attached)

(Date)

Title District Engineer

Address 306 Federal Bldg., Salt Lake City, Utah

XXXXXX

By His Attorney in Fact
Trustee of Operator under
Title Contract with Lessee

Address 1130 1st Nat'l Bank Bldg.
Denver Colorado

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

APPROVAL GIVEN AS FOLLOWS:

1. Please notify E. W. Henderson, of the U. S. Geological Survey, stationed at Salt Lake City, Utah, actual date of the commencement of plugging and abandonment operations, that a representative of the Survey may be present.
2. A permanent marker, consisting of not less than 10' of iron pipe, not less than 4" in diameter, and extending four feet above the surface to be cemented in the ground at the location of this well.
3. A supplementary report of final abandonment (in triplicate on form 2-351) to be submitted to this office when the work is finished. This report to give a detailed account of the manner in which the work was actually carried out, including the nature and quantities of materials used in plugging and the location and extent (by depths) of the plugs of various materials. Records of amounts, size and locations (by depths) of all casing left in the well, and the names and positions of employees who carried on the work should be included. THIS REPORT MUST BE SIGNED TO BY THE EMPLOYEE ACTUALLY IN CHARGE OF THE WORK.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office

Salt Lake City
Serial Number 033137 A
Lease and Permit L. W. Terrill

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 16, 1937

Following is a ~~notice of intention to do work~~ ~~report of work done~~ on land under ~~permit~~ ~~lease~~ described as follows:

Utah
(State or Territory)

Grand
(County or Subdivision)

CISCO DOME
(Field Name)

Well No. 1 NE 1/4 of NW 1/4 Sec. 32 T20 S. 22E. S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. S of line and 1980 ft. E of line of sec. 32

The elevation of the derrick floor above sea level is 4919 ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

July 11, 1937. Rigged up.
July 15, Cleaned out to bottom 1966 ft.
July 16, 15, sacks of cement placed in bottom of hole with dump Bailer.
July 20, Cement tested and found O.K.
July 21, 6 5/8 Casing shot at 1164 ft.
July 22, Pulled 51, Joints, 1164 ft. 6 5/8 casing.
July 26, 18 yards of shale mixed with water and heavy mud placed in hole, filled from bottom up.
Aug. 5, Sealed top of hole with 5 sacks of cement and placed 4" by 10 ft. pipe in 10" Conductor String, Projecting 4 ft. above the ground.

Work performed by Thomas S. Golden, Grand Junction, Colo. under contract for CA. Urban, Trustee for operator Crystal Carbon Co., under contract with lessee

Approved _____

Company G. A. Urban, Trustee

E. W. Henderson

By W. C. Benton
Title His attorney in fact

Title District Engineer
306 Federal Bldg.,
Salt Lake City, Utah.

Address Salt Lake City, Utah.

Address 1130 U. S. National Bank Bldg.
Denver,

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.

GOVERNMENT PRINTING OFFICE 6-7063

REPORT ON PLUGGING OF TERRILL #1

CISCO DOME, GRAND COUNTY, UTAH. SERIAL #) 035137 A.

Well # 1, N.E. $\frac{1}{4}$ of Sec. 32, 20S, Range, 22E. S.L.M.

600 Ft. S. of N. Line and 1900 Ft. E. of W. Line of Sec. 32.

Elevation, 4919

July, 11, 1937. Rigged up.

July, 15. Cleaned out to bottom 1966 Ft.

July, 15. 15 sacks of cement placed in bottom of hole with dump bailer.

July, 20. Cement tested and found O.K.

July, 21. 6 $\frac{5}{8}$ " Casing shot at 1164 ft.

July, 22. Pulled 51 Joints, 1164 ft. 6 $\frac{5}{8}$ " casing.

July, 26. 18 yards of shale mixed with water and heavy mud placed in hole, filled from bottom up.

Aug. 5. Sealed top of hole with 5 sacks of cement and placed 4" by 16 ft. pipe in 10" Conductor String, Projecting 4 ft. above the ground.

For Cair Driller

J. M. Beaver Tool Dresser.

Thorn and subscribed before me this 6th day of August 1937

John A Johnston
Cisco ditch

my Commission expires Oct 14th 1938

9-546-a
(August, 1932)

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Laboratory - **Midwest, Wyoming**

INFORMATION TO BE FURNISHED WITH EACH SAMPLE OF GAS

Marks on container _____ Lab. No. **34-02** (Filled by Chemist)
SOURCE OF SAMPLE: _____
Field **Cisco Dams, Utah** Permit _____
Operator _____ Lease _____ (Serial Number)
Operator's Address _____
Well No. **Terrill No. 1**, $\frac{1}{4}$ Sec. _____, T. _____, R. _____, M. _____
Sample taken by **E. A. Swedenborg** Date taken **May 26, 1933**
If known, name of sand (or formation) from which this sample is produced _____
If doubtful, so state _____
Depth to top of sand _____ Depth to bottom of sand _____
Depth well drilled _____ Present depth _____
Depths (if known) where water encountered _____
Depth at which water string is landed, cemented, cased _____
METHOD OF SAMPLING: _____
Place where sample was obtained (sump hole, lead line, flow tank, bailer, etc.) _____
_____ **Well head** _____
Method of production (flowing, pumping, air, etc.) _____
Initial production: _____ Present production: _____
Barrels Oil _____ Barrels Oil _____
Barrels Water _____ Barrels Water _____
Gas Volume _____ Gas Volume **155,000 cu. ft.**
Rock Pressure _____ Rock Pressure **204**

REASON FOR ANALYSIS:

- (1) Future reference. **X**
(2) _____
(3) Correlation _____
(4) _____

Note: A sample for analysis is of no value unless accompanied by above information. Complete information on this form is to be attached to each sample container, otherwise sample will be disregarded. Be sure to seal or tightly cork all containers immediately after sampling and label all samples so that there will be no confusion.

GAS ANALYSES

Condition of sample low pressure Laboratory No. 34-22
 Analysis by J. C. Crawford at Midwest, Wyoming Date 7-2-33

ORSAT ANALYSIS

Carbon dioxide (CO₂) 2.3%
 Oxygen (O₂) 0.6%
 Methane (CH₄) 83.7%
 Ethane (C₂H₆) and higher 3.8%
 Nitrogen (N₂) by difference 9.2%
 Specific Gravity (calculated) .899
 Specific Gravity (observed) - -

Calculated Gross B. T. U. per cu. ft. at 60° F. 2057 (Gross)
 and 15.025 lbs. per sq. in. pressure

HYDROGEN SULPHIDE BY TUTWILER METHOD

Grains of hydrogen sulphide per 100 cu. ft. of gas
 at 60° F. and 15.025 lbs. per sq. in.

Percentage of hydrogen sulphide at 60° F. and
 15.025 lbs. per sq. in.

HEATING VALUE BY SARGENT GAS CALORIMETER

B. T. U. per cu. ft. at 60° F. and 15.025 lbs. per sq. in. pressure as
 determined by Sargent gas calorimeter:

Gross

Net

Remarks and conclusions:

L. E. TERRILL COMPANY

Disco Dome Well Number One
Sec. 34, T. 20 S., R. 22 E., Salt Lake
Meridian. Grand County, Utah. Location
660 ft. S. of N. Line and 1980 ft. E. of
W. Line of Section 32.

Elevation 4919

<u>From</u>	<u>To</u>	<u>Total Feet</u>	<u>Formation</u>
0	20	20	Gravel
20	600	580	Shale
600	800	200	Shale and shells
800	1625	825	Shale
1625	1675	50	Black shale - (caves)
1675	1930	255	Shale
1930	1940	10	Gypsum
1940	1950	10	Shale
1950	1960 (Total)	10	Sand